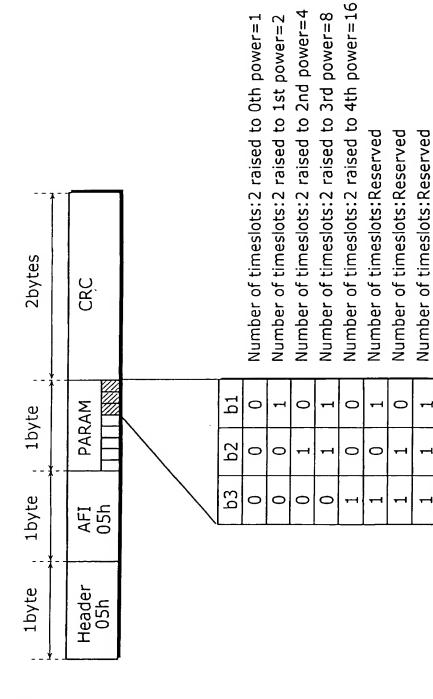
Reader/writer

Contactless card

200

Contactless card



Header: Initial request command

AFI: Application class of contactless card (all classes)

CRC: CRC value from AP to PARAM

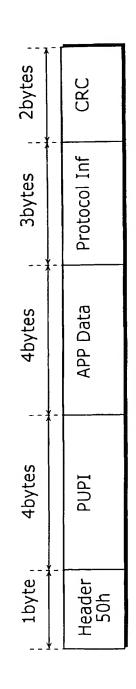


FIG. 3

Header: Initial response header

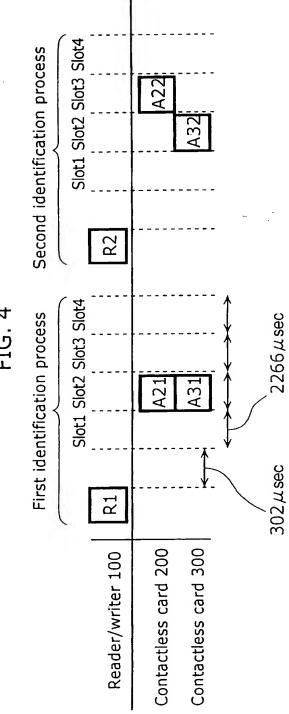
PUPI: Card ID (Pseudo-Unique PICC Identifier)

APP Data: Application information

Protocol Inf: Protocol information

CRC: CRC value from header to Protocol Inf

FIG. 4



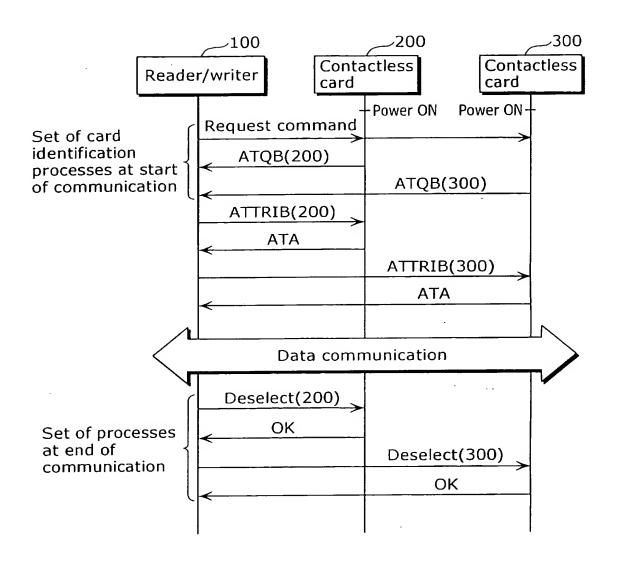
R1, R2: Request command [REQB] (from reader/writer to contactless cards)

A21, A22: Initial response [ATQB] (from contactless card 200 to reader/writer 100)

A31, A32: Initial response [ATQB] (from contactless card 300 to reader/writer 100)

Slot1 to Slot4: Timeslot number

FIG. 5



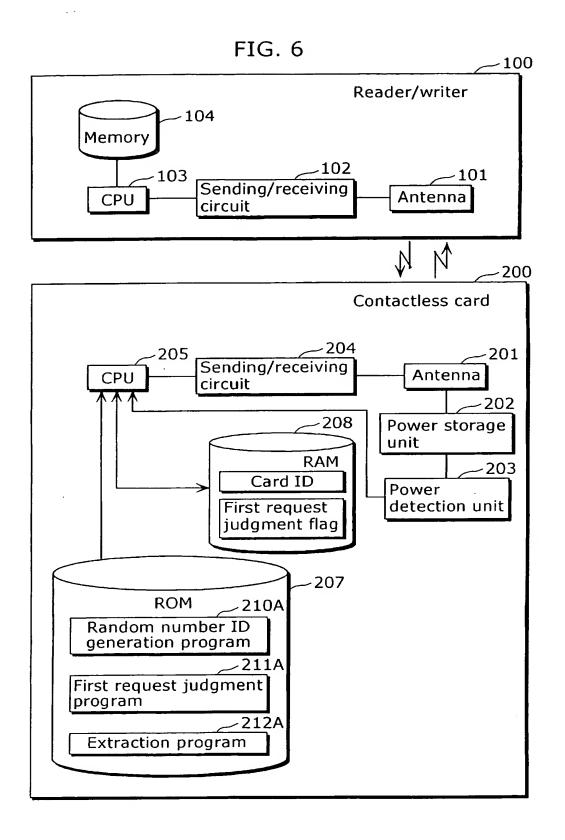


FIG. 7

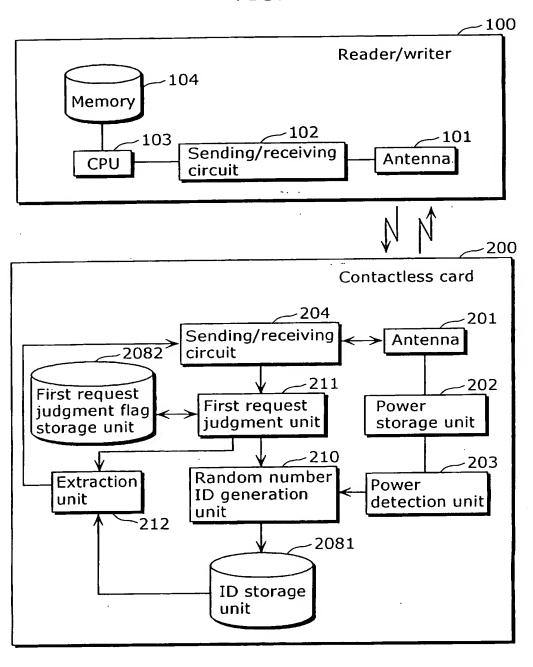


FIG. 8

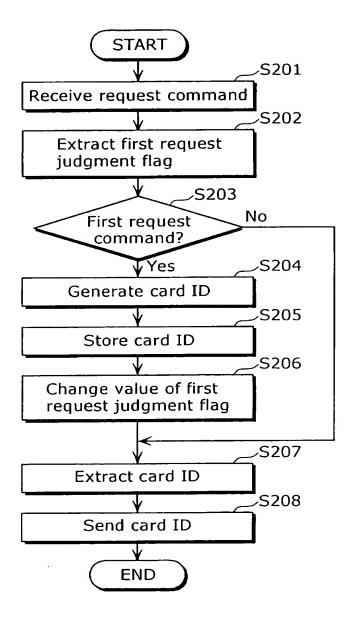


FIG. 9

•. • •. .

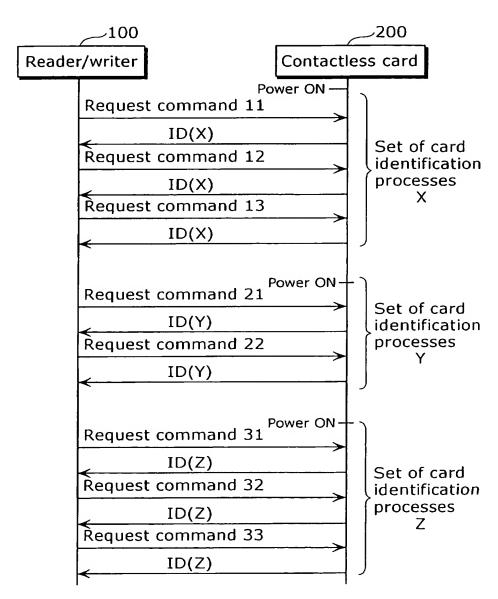


FIG. 10

·. · ·. .

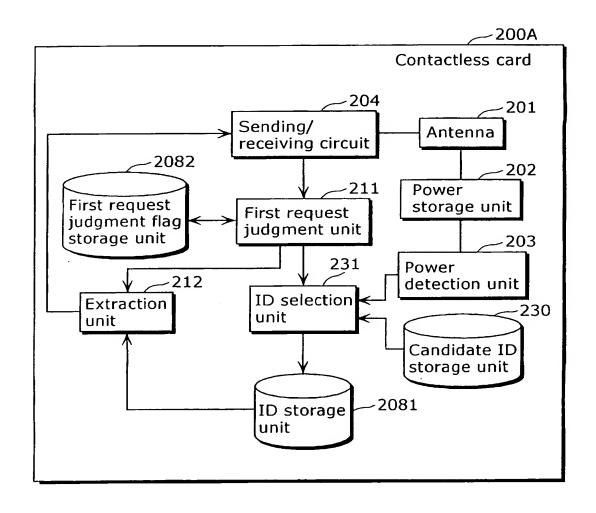


FIG. 11

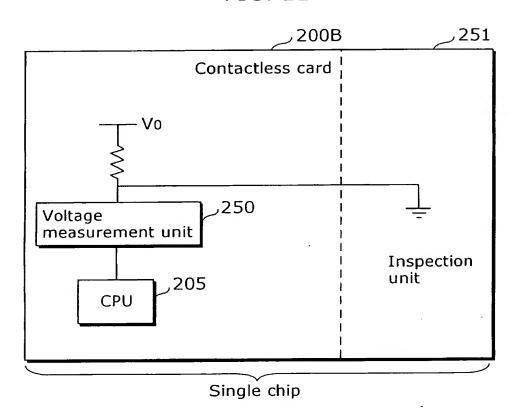


FIG. 12

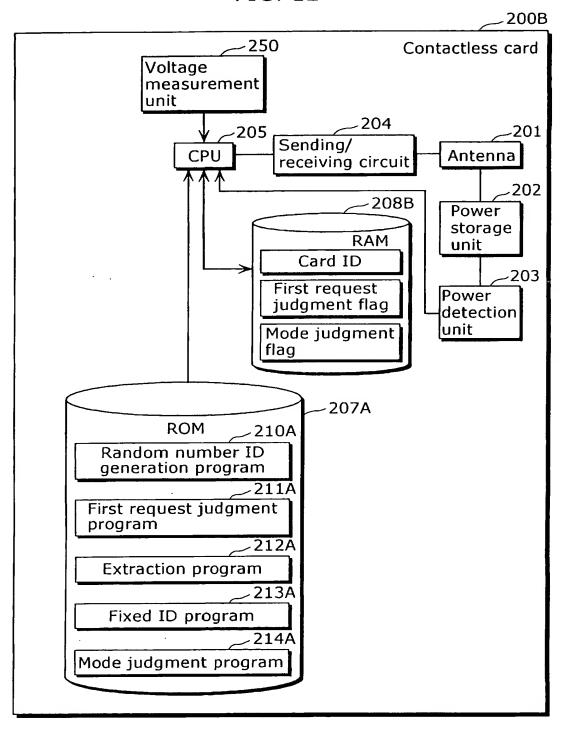


FIG. 13

•. • •. .

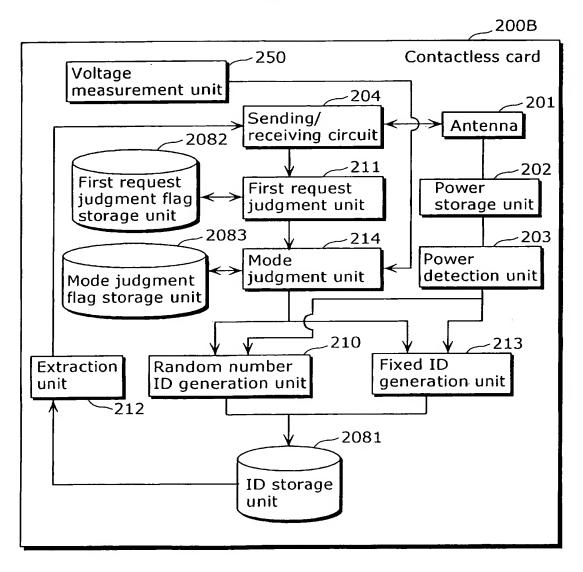


FIG. 14

• • • • • •

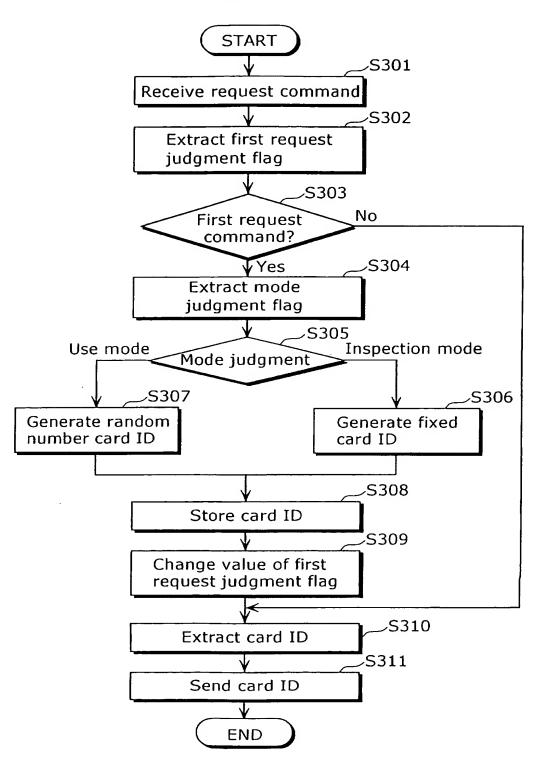


FIG. 15

•. • • . .

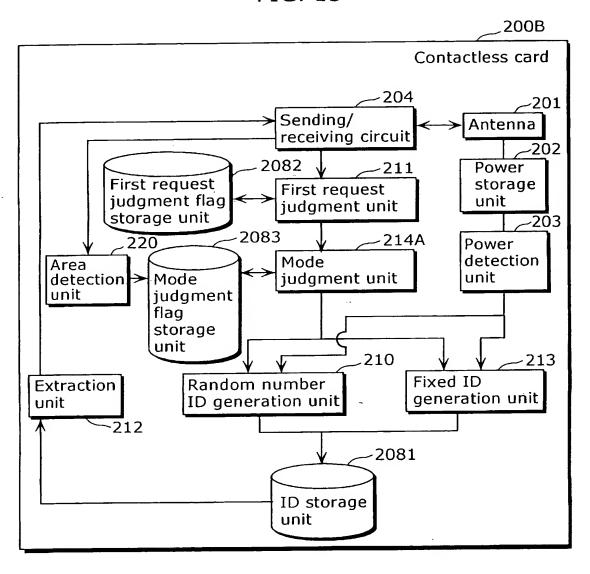
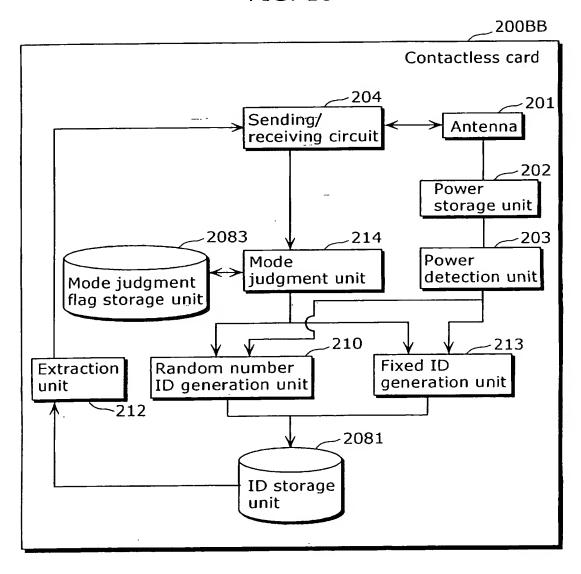


FIG. 16

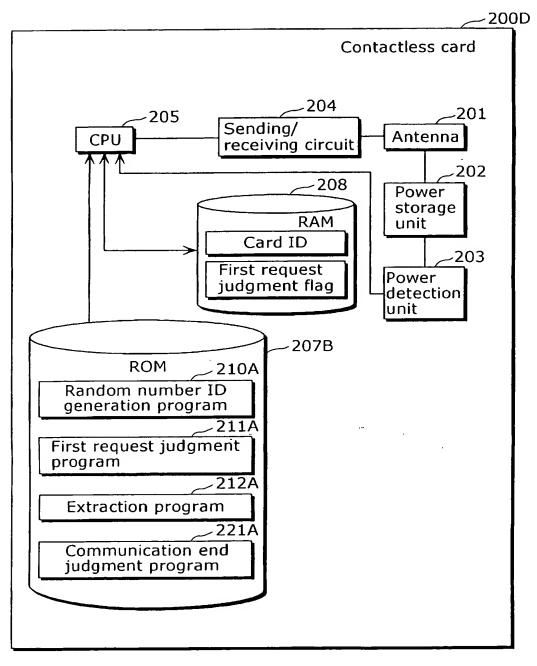


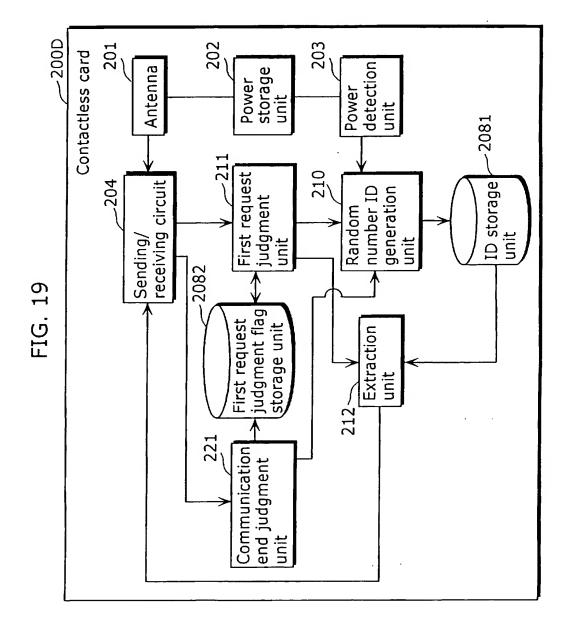
START S301 Receive request command S304ر_ Extract mode judgment flag £305 Use mode Inspection mode Mode judgment √S307 S306 Generate random Generate fixed number card ID card ID S308 Store card ID __S310 Extract card ID S311 Send card ID **END**

FIG. 17

FIG. 18

•. • •, ,





·. · ·. .

FIG. 20

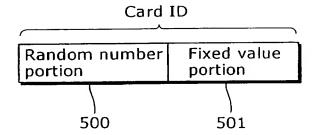
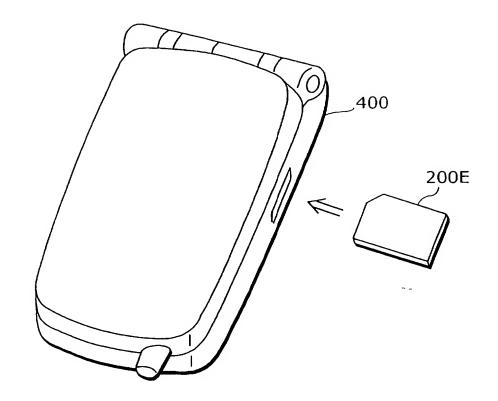
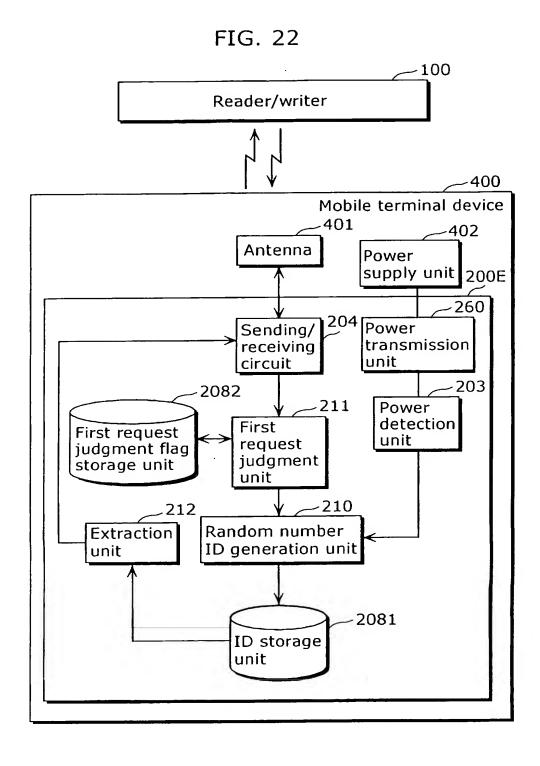


FIG. 21





4. • • • •

FIG. 23

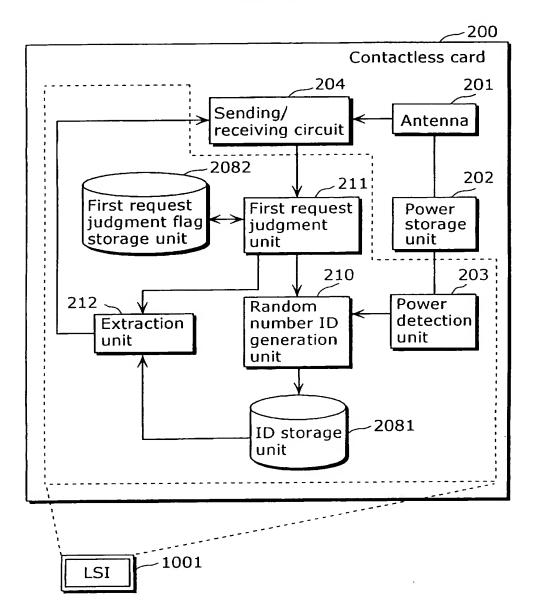
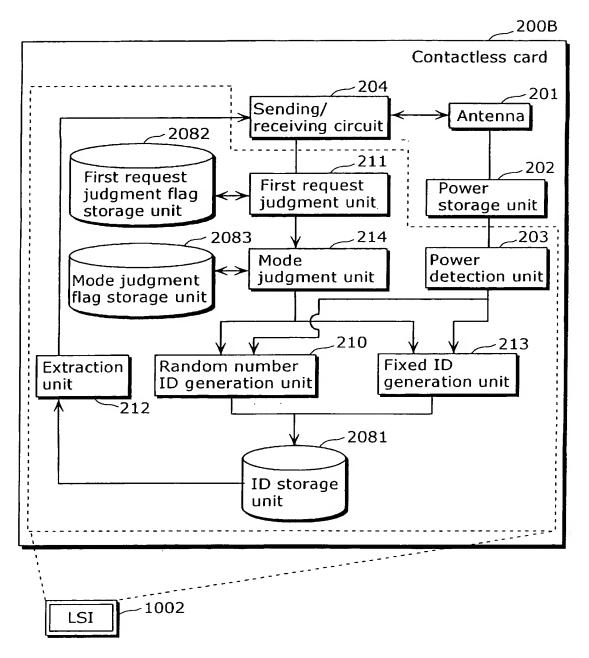


FIG. 24



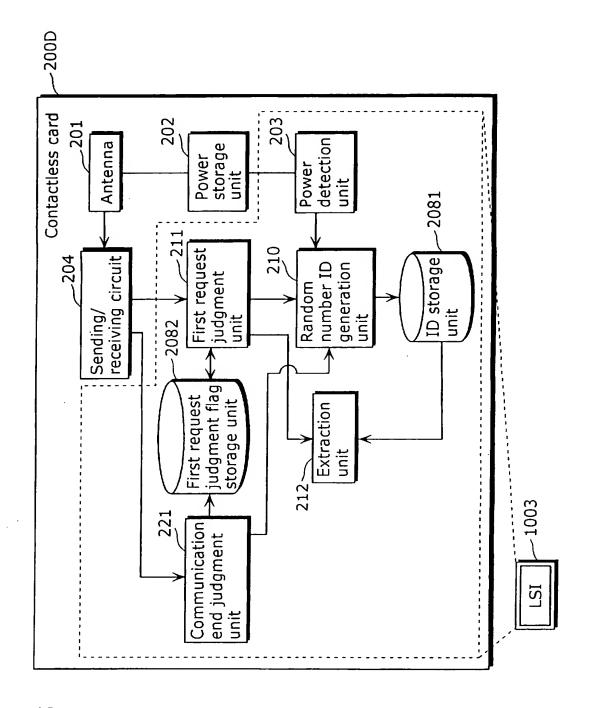


FIG. 25